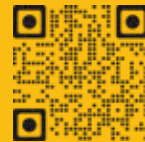


ReFA

RECURRENT FEATURE ALIGNMENT

Lightweight, fast face asset acquisition using
end-to-end neural network with multi-view
images



Scan For
More Information



We present Recurrent Feature Alignment (ReFA), an end-to-end neural network for the very rapid creative of production-grade face assets from multi-view images

ReFA is on par with the industrial pipelines in quality for production accurate, complete, registered, and textured assets for physically-based render.

FEATURES

- Assets are produced at 4.5 FPS
- Median error of 0.603mm
- Robust to extreme pose and expression
- Excels in sparse-view settings
- Boosts downstream applications
- Enables massive database capturing
- High-resolution textures